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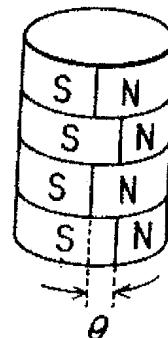
APPLICATION DATE : 28-02-85
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APPLICANT : MITSUBISHI STEEL MFG CO LTD;

INVENTOR : JINNO KIMIYUKI;

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TITLE : MOTOR



ABSTRACT : PURPOSE: To increase a torque by a method of displacing stepwise N- and S-poles at magnetizing time, thereby reducing a cogging force.

CONSTITUTION: When the least common multiple of the number of salient poles of an armature and the number of poles of magnets is represented by n, a magnetism displaced stepwisely at an angle of θ specified by $\theta=360^\circ(2\times n)$ is performed in a rotating direction, and the axial area of the displaced portion is set to be substantially equal. When this magnetization is achieved, a cogging force can be reduced, and a small motor which has stable rotation can be obtained.

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